

## EAST Search History

| Ref # | Hits   | Search Query                                                                                                  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|---------------------------------------------------------------------------------------------------------------|--------------------|------------------|---------|------------------|
| L1    | 6      | perraut-francois.in.                                                                                          | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/19 06:12 |
| L2    | 1      | schultz-emmanuelle.in.                                                                                        | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/19 06:12 |
| S1    | 8362   | ((raman or fluorescent or fluorescence or particle) adj (scatter or scattering)) or (molecular adj diffusion) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 18:01 |
| S2    | 2973   | S1 and image                                                                                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 17:55 |
| S3    | 1028   | S2 and diffusion                                                                                              | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 17:58 |
| S4    | 1      | S2 and (substract or subtracting)                                                                             | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 17:59 |
| S5    | 7      | S1 and (substract or subtracting)                                                                             | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 17:59 |
| S6    | 882981 | (raman or fluorescent or fluorescence or particle) or (molecular adj diffusion)                               | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 18:01 |
| S7    | 8333   | S6 and (substract or subtracting or subtracts or subtracted)                                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 18:07 |
| S8    | 370    | S6 and ((substract or subtracting or subtracts or subtracted) with pixel)                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 18:09 |
| S9    | 305    | S8 not @ay>"2003"                                                                                             | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/10 18:10 |
| S10   | 6821   | image and pixel and (assay or dna or nucleic or antibody)                                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/16 20:30 |
| S11   | 9      | S10 and (calibration with (substract or subtracting))                                                         | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/16 20:30 |
| S12   | 51988  | image and (assay or dna or nucleic or antibody)                                                               | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/16 20:30 |
| S13   | 42     | S12 and (calibration with (substract or subtracting))                                                         | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/16 20:30 |
| S14   | 13     | S13 not @ay>"2003"                                                                                            | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/16 20:31 |
| S15   | 7      | S14 and sum                                                                                                   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/16 20:31 |
| S16   | 12     | S14 and (sum or total)                                                                                        | US-PGPUB;<br>USPAT | OR               | ON      | 2006/09/16 20:31 |
| S17   | 57125  | image and (assay or dna or nucleic or antibody)                                                               | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/18 18:40 |

## EAST Search History

|     |        |                                                                   |                 |    |     |                  |
|-----|--------|-------------------------------------------------------------------|-----------------|----|-----|------------------|
| S18 | 1      | S17 and ((record or recording) with (spatial adj structure))      | US-PGPUB; USPAT | OR | ON  | 2007/03/18 18:41 |
| S19 | 3085   | S17 and ((record or recording) with (image))                      | US-PGPUB; USPAT | OR | ON  | 2007/03/18 18:41 |
| S20 | 743    | S19 and (calibrating or calibration)                              | US-PGPUB; USPAT | OR | ON  | 2007/03/18 20:19 |
| S21 | 1      | "20040241748"                                                     | US-PGPUB; USPAT | OR | ON  | 2007/03/18 20:19 |
| S22 | 452    | detection with chamber with transparent                           | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:18 |
| S23 | 173    | S22 and image                                                     | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:18 |
| S24 | 785873 | detection ((image or imaging) with chamber with transparent)      | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:19 |
| S25 | 6      | detection same ((image or imaging) with chamber with transparent) | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:23 |
| S26 | 103    | detection and ((image or imaging) with chamber with transparent)  | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:44 |
| S27 | 97     | S26 not S25                                                       | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:25 |
| S28 | 33     | S27 and (transparent with sides)                                  | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:43 |
| S29 | 1      | ("6664528").PN.                                                   | USPAT; USOCR    | OR | OFF | 2007/03/19 02:43 |
| S30 | 154    | detection and ((viewing) with chamber with transparent)           | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:44 |
| S31 | 13     | detection with ((viewing) with chamber with transparent)          | US-PGPUB; USPAT | OR | ON  | 2007/03/19 02:44 |
| S32 | 1      | ("6362011").PN.                                                   | USPAT; USOCR    | OR | OFF | 2007/03/19 06:10 |